

ABSTRACT

A method for estimating connection loss of an optical connector, according to the present invention, the optical connector including a ferrule, which has a through-hole along the longitudinal direction, and an optical fiber which is inserted and fixed into the ferrule, includes steps of: calculating axial misalignment based on both of at least distribution data of dimension parameters of the ferrule and at least distribution data of dimension parameters of the optical fiber; calculating connection loss based on the axial misalignment; and simulating distribution of the connection loss.

By using these approaches, distribution data of connection loss of optical connectors can be easily obtained in no need of a large number of man-hours and costs.